WOLF-Guard®

All For Your Security

Wolf Guard Touch Keypad GSM Wireless alarm system

User's Manual

Warning

Warning
Do not remove the front or back cover of the unit and keep it intact. There are no parts inside this unit that can be repaired or replaced by the alarm owner. If unit is faulty please contact the seller.

The information contained in this manual is prepared for this specific alarm system only. Wolf Guard adopts a sustainable development strategy. Therefore, the company retains the right to modify or make improvement to any product described herein without giving prior notice. All rights reserved.

Do not use a lower rated power supply than supplied with the unit.

Do not add a bigger siren than supplied siren directly to the alarm unit. A bigger siren can be added via a suitable relay unit, please contact your supplier for more information. A bigger siren will overheat some components and destroy them. Such action will void product Guarantee.

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Alarm Functions:

♦ 7 wired and 99 wireless defence zones

♦ LCD screen with time clock display

♦ Voice prompt for all operations

♦ 3 groups of time based (automatic) arming and disarming

♦ Can store 6 phone numbers

♦ Can store 3 SMS numbers

♦ 10-second automatic message recording

♦ Built-in artificial intelligent digital voice announcer

♦ Built-in artificial intelligent English message

♦ Users can make calls by using the keypad on alarm panel, just like a telephone

♦ One-key-control function: Out (away) Arm, Home (Stay) Arm, Remote Arm

♦ SOS, fire, gas, door, hall, window, balcony, and boundary place zone descriptions

♦ Real-time, delay, 24 hours, bypass defence zones options

♦ Wireless coding: easy to add additional wireless accessories

♦ Remote control Arm, Disarm, Monitor, and Intercom by phone

♦ SMS alert for power failure or recovery

♦ Built-in AAA NI-HI rechargeable backup battery

♦ Alarm event log

♦ “Listen in “ function

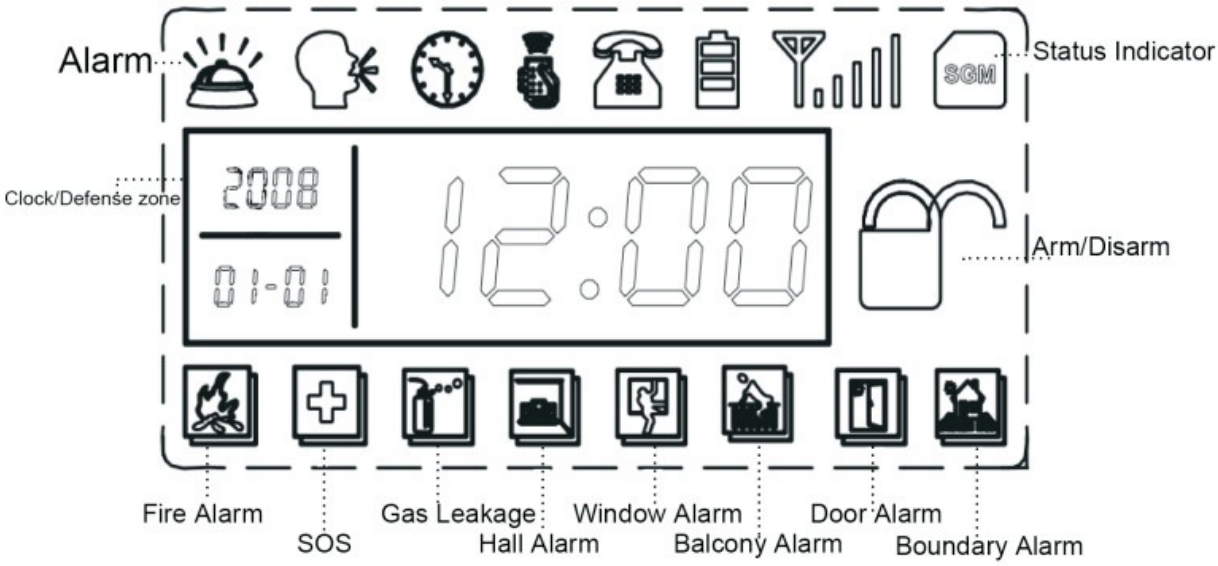
******New:*** Now include build-in wireless transmitter to trigger wireless sirens, strobes, relay units etc.
******New:*** You can now switch an appliance on/off from your cellphone

Alarm system diagrams

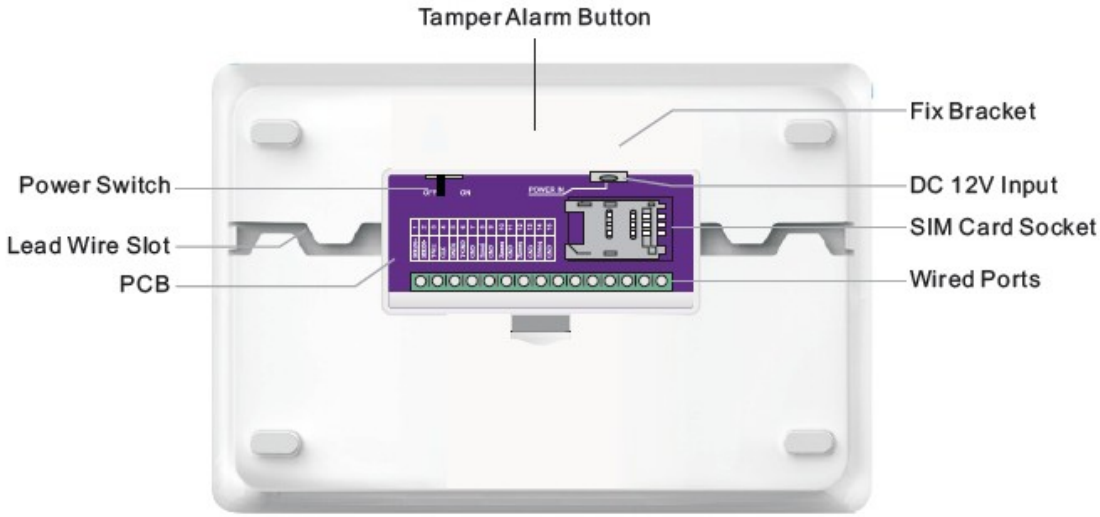
In order for the alarm system to receive wireless signals optimally from all wireless accessories, please put the alarm system in the central of your defence area. Make sure it's away from large metal objects and household appliances which may cause high frequency interference, as well as barriers such as reinforced concrete wall or fire door, etc.

Alarm Panel front schematic diagram:

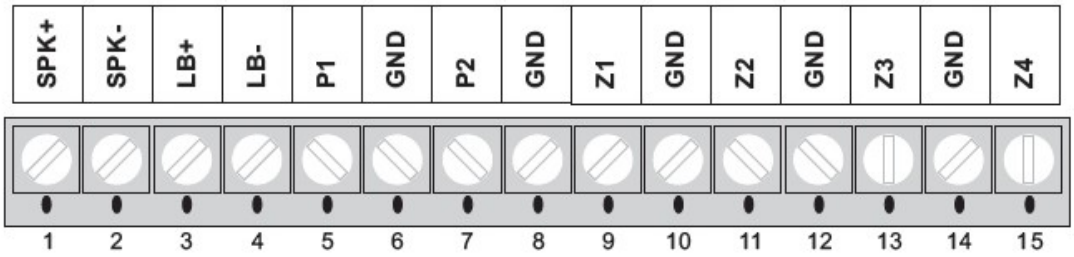
LCD Display



Alarm Panel back schematic diagram:



Wired terminal block:



1	SPK+	Positive of siren (red cable)
2	SPK-	Negative of siren (black cable)
3	LB+	Positive of two-way speaker (red cable)
4	LB-	Negative of two-way speaker (black cable)
5	P1	12V output by remote control. (please refer to Operation Instruction part)
6	GND	Ground
7	P2	Linkage output port 2. Supply12V output once the system is armed, and be off once it's disarmed
8	GND	Ground
9	Z1	Wired sensor 1 (zone number: 95)
10	GND	Ground
11	Z2	Wired sensor 2 (zone number: 96)
12	GND	Ground
13	Z3	Wired sensor 3 (zone number: 97)
14	GND	Ground
15	Z4	Wired sensor 4 (zone number: 98)

VERY IMPORTANT – bigger sirens

Do not add a bigger siren than supplied directly to the alarm unit. A bigger siren can be added via a suitable relay unit, please contact your supplier for more information. A bigger siren will overheat some components (not maybe but surly) and destroy them. Such action will void product Guarantee.

Function Settings

1. Initialization

Insert a SIM card in the SIM card slot in the back of the unit.

Note: SIM card must not have a password set, please use a cellphone to remove the password from the sim card if password protected.

The system must be ***completely*** switched of when inserting the SIM card, the SIM card is only initialized when the unit is powered on. Inserting a new SIM card or inserting the SIM card after power on the SIM card will not be registered.

Once the SIM card is inserted, plug the power adaptor in, and switch the power switch in the back of the unit to the on position.

Note: The power switch is used to power on the system's internal backup battery supply. In the "off" position the backup batteries can not charge and the system can not use the battery backup in case of power outage.

When switching the alarm system on all the LED lights will go on for 2 seconds by a long beep to indicate the system is ready.

The time clock will then displays on the LCD screen and the alarm system will connect to the cellular network. While connecting to your cellular network the [**GSM**] icon on the LCD screen will be flashing. When the unit detect the GSM network a long beep will indicate successful detection. When the [**GSM**] indicator goes out the system will be in disarm status and ready to use or program.

2. Enter alarm settings

Note: Settings on the system can only be performed while it is not armed.

The 2 password types

Two different passwords are used to control the alarm unit.

1. The operations/user password: is used to arm or disarm the alarm system from a cellphone or from the keypad if remote controller is not used.
2. The programmer/settings password: is used to put the alarm in settings mode to change alarm settings

Entering settings mode

To change the settings of the alarm you need to first go into settings mode

While the alarm system is disarmed, input the 4-digit settings password using the keypad on the alarm unit and press [#] button to confirm. You will hear a voice prompt: please enter instruction.

Note: *The system default password is [8888].*

The [**SET**] indicator will be on and [0000] will displays on the screen when in settings mode. You can perform different settings repeatedly as long as the system keeps in setting status.

Operating method: [**XXXX**] + [#]
X indicates the 4-digit system password.

LCD display:

Exiting settings mode

The system will automatically exit setting mode and return to disarm status if you don't press any keypad button for 40 seconds.

To manually exit settings mode press [*****] and [#] buttons, the main unit emits a long beep and exit settings mode.

The [**SET**] indicator will go off and the system returns to disarm state.

Operating method: **[*] + [#]**

3. Factory Reset

In some instances it is easier to clear all settings and redo all settings.

While the alarm is in disarm status, use the keypad to input [**95175308246**] and press [#] to confirm, all the LED indicators will be on for 2 seconds and you will hear a long beep. The main unit's settings will be cleared and restores to its factory settings successfully.
Operating method: [**95175308246**] + [#]

4. Coding of Remote Controllers

The remote controllers need to be coded to the alarm host in order to work with the alarm system.
.
In settings mode, use the keypad to enter [**20**] then input the remote controller number [**1~8**], and then press [#] to confirm. The main unit emits a long beep and you will hear "remote control coding".
The [ ] indicator is on without flashing; press any button on the wireless remote controller, the main unit makes a long beep and you will hear "coding completed", the [ ] indicator goes out, indicating the remote controller is successfully coded.

Operating method: [20]+[**A**]+[#]
A indicates：1~8 remote controllers number.

Note: You can add maximum 8 remote controllers.

LCD display:

5. Delete Remote Controller

The remote controller can't control the main unit after it's been deleted.

While in settings mode, use the keypad to enter [**21**], then input the remote controller number [**1-8**], and then press [**#**] to confirm. The main unit emits a long beep and the [**Signal**] indicator flickers once. You will hear a voice prompt "delete completed".

Operating method: [21]+[**A**]+[#]
A indicates：1~8 remote controllers number.

6. Coding of sensors to zones

Wireless detectors have to be coded to the main unit in order to trigger the alarm. You can add one or more detectors per zone.

While in settings mode, use the keypad to enter [**23**], input the defence zone number you want to code [**01~99**], and then input [**#**] to confirm. The main unit emits a long beep and the corresponding defence zone is displayed on the screen. You will hear a voice prompt "detector coding".

Then trigger a wireless detector to emit a wireless signal; after receiving the signal, the main unit makes a long beep, and you will hear "coding completed" and the [ ] indicator goes out.

Operating method: [23]+[**XX**]+[**#**]
XX indicates: 01 ~99 defence zones number

LCD display:

7. Delete Defence Zone

While in settings mode, use the keypad to enter [**24**], then enter the defence zone number you want to delete [**01~99**], and then input [**#**] to confirm. The main unit emits a long beep and the defence zone indicator flickers once. You will hear a voice prompt "delete completed".

Operating method: [24]+[**XX**]+[#]
XX indicates: 01 ~99 defence zones number

8. Change Passwords

Change user Password

The user password is the password used to arm and disarm the alarm system.

While in settings mode, use the keypad to enter [**30**], then enter the new 4-digit password, finally press [#] to confirm. The main unit will make a long beep and you will hear a voice prompt “setting completed”.

Operating method: [30]+[**XXXX]+**[#]
XXXX indicates: the new 4-digit password

For example: change the system password to 1012
Operating method: [30]+[1012]+[#]

LCD display:

Change programming/settings Password

The programming/settings password is the password used in order to setup the system.

While in settings mode, use the keypad to enter [**31**], then enter the new 4-digit password, and then press [#] to confirm. The main unit will make a long beep and you will hear a voice prompt “setting completed”.

Operating method: [31]+[**XXXX**]+[#]
XXXX indicates: the new 4-digit password
For example: change the system password to 2846
Operating method: [31]+[2846]+[#]

LCD display:

Note： *the user password and the settings password can not be the same*

.

9. Clock Setting

While in settings mode, use the keypad to enter [**32**], then enter the last 2 digits [AA] of the present year, the two digits [BB] of the month, the two digits [CC] of the day, the two digits [DD] of the hour, the two digits [EE] of the minute, the two digits [FF] of the second, and finally enter [#] to

confirm. You will hear a long beep and a voice prompt “setting completed”.

Operating method: [32][AA][BB][CC][DD][EE][FF][#]
AA indicates: the last 2 digits of the present year
BB indicates: the 2 digits of the present month
CC indicates: the 2 digits of the present day
DD indicates: the 2 digits of the present hour
EE indicates: the 2 digits of the present minute
FF indicates: the 2 digits of the present second
For example: set the time as 15:35:40, Oct. 1st, 2009
Operating method: [32][09][10][01][15][35][40][#]

10. Time based arming and disarming

Time based arming

While in settings mode, use the keypad to enter [33~35], then input the hour [AA] and minute [BB] of the time you want to set to arm, and finally input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.

Operating method: [XX][AA][BB][#]
XX indicates: the address code 33, 34, 35 of the timely arming
AA indicates: the hour of the setting time
BB indicates: the minute of the setting time
For example: set the arm time as 10:45pm
Operating method: [33][22][45][#]

LCD display:

Time based Disarming

While in settings mode, use the keypad to enter [36~38], then input the hour [AA] and minute [BB] of the time you want to set to disarm, and finally input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.

Operating method: [XX][AA][BB][#]
XX indicates: the address code 36, 37, 38 of the timely disarming
AA indicates: the hour of the setting time
BB indicates: the minute of the setting time
For example: set the arm time as 10:45am
Operating method: [33][22][45][#]

LCD display:

Timing Control

While in settings mode, use the keypad to enter [39], then input the number indicating turning on timely arm/ disarm [1/0], and then input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”. The factory default is off.

Operating method: [39][0/1][#]
0: turn off the function of timely arm/ disarm
1: turn on the function of timely arm/ disarm
For example: turn on the function of timely arm/ disarm
Operating method: [39][1][#]

11. Telephone/cellphone Number Settings

While in settings mode, use the keypad to enter [**51**] ~ [**56**], then input the voice alarm receiving number (mobile number or telephone number), and then press [**#**] to confirm. The main unit will make a long beep, the [**Signal**] indicator will flicker once, and you will hear “setting completed”, which indicate number is set successfully.

Operating method: [XX][YY…YY][#]
XX indicates: the 1- 6 alarming user number [51] ~ [56]
YY…YY indicates: voice alarm-receiving phone number
For example: set 13811111111 as the first voice call number
Operating method: [51][13811111111][#]

LCD display:

12. Delete Phone Number

While in settings mode, use the keypad to enter [**51**] ~ [**56**], and then press [**#**] to confirm, the alarm unit will make a long beep and the [**Signal**] indicator will flicker once and you will hear “delete completed”, which indicate the alarming user number is deleted successfully.

Operating method: [XX][#]
XX indicates: the 1- 6 alarming user number [51] ~ [56]
For example: Delete the third alarming user number from the system.
Operating method: [53][#]

LCD display:

13. SMS Receiving Number Setting

Note: You can set a maximum of 3 SMS numbers.

While in settings mode, use the keypad to enter [**57**] ~ [**59**], then input the SMS receiving number, and then press [**#**] button to confirm. The main unit will make a beep, the [**Signal**] indicator will flicker once and you will hear "setting completed", which indicate setup successfully.

Operating method: [XX][YY…YY][#]
XX indicates: address codes of message-receiving numbers from the first number to the third number [57] ~ [59]
YY…YY indicates: the SMS receiving number
For example: setup 13822222222 as the first SMS receiving number
Operating method: [57][138222222][#]

14. Delete SMS Receiving Number

While in settings mode, use the keypad to enter [**57**] ~ [**59**], and then press [**#**] button to confirm. The main unit will make a beep, the [**Signal**] indicator will flicker once and you will hear "delete completed", which indicate SMS number is deleted successfully.

Operating method: [**XX**][#]
XX indicates: address codes of message-receiving numbers from the first group to the third group [57] ~ [59]

For example: delete the first SMS user number from the system
Operating method: [57][#]

15. Defence Zone Programming

If you want to change the alarm attributes of the defence zones, such as turn off the siren when system alarms, you can do it by defence zone programming.

While in settings mode, use the keypad to enter [**60**], then the defence zone number [**01~99**], then input defence zone type [**1~4**], then input defence zone location number [**1~8**], and then select siren on/off [**0/1**], finally press [**#**] to confirm. You will hear the main unit emit a long beep and a voice prompt "setting completed".

Operating method: [60][AA][B][C][D][#]
AA: defence zone number [01~99] means zone 1 to zone 99;
B: defence zone type
[1]: real-time defence zone – alarm will be triggered immediately when a sensor is triggered
[2]: 40 seconds delay defence zone – alarm will be triggered 40 seconds after a sensor is triggered
[3]: 24 hours defence zone – alarm will be triggered immediately when a sensor is triggered **even when the alarm is not armed**. This zone type is used for sensors that need to be on all the time like smoke sensors etc.
[4]: bypass defence zone – alarm will not be triggered if sensors on this zone is triggered.
C: defence zone location (locations are a way to give the user an idea on what zone were triggered when the alarm calls or SMS the user).

[1] SOS Alarm [2] Fire Alarm [3] Gas Leak Alarm
[4] Door Alarm [5] Hall Alarm [6] Window Alarm
[7] Balcony Alarm [8] Boundary Alarm
D: siren ON/OFF: [0] OFF, [1] ON

For example: set defence zone 12 to be 24-hour, fire alarm and siren on
Operating method: [60][12][3][2][1][#]

16. Home Arm Defence Zone Setting

If you want some detectors to work and some not while you are at home, you can use the [**Home Arm**] function.
Note: Set the home function on the zones that should be **active** when in home arm mode,
While in settings mode, use the keypad to enter [**61**], then choose the corresponding defence zone number [**01~99**], then choose [**Home Arm**], and then choose whether alarm [**0/1**] button, and finally press [**#**] to confirm. The main unit will make a long beep and a voice prompt "setting completed".

Operating method: [61][XX][A][#]
XX indicates: [01~99] is defence zone 1 to defence zone 99
A indicates: [0] Home arm but not alarm
[1] Home arm and alarm

For example: set defence zone 11 to be Home arm and alarm
Operating method: [61][11][1][#]

For example: set defence zone 12 as Home arm but not alarm
Operating method: [61][12][0][#]

17. Voice Recording

A 10 second voice recording can be stored on the alarm system that will be played back when the alarm calls the pre-set numbers.

While in settings mode, use the keypad to enter [701], and then press [#] to confirm.
The main unit will emit a beep and the [ ] indicator will go on, and do your recording for the next 10 seconds , record at 10cm away from the main unit with relative loud tone. In the next 10 seconds, the main unit will replay your message.

Operating method: [701][#]

LCD display:

18. Siren Setting

By default the alarm unit will beep to indicate when the alarm is armed or disarmed. If a louder indication is needed the siren can also be activated to indicate this.

While in settings mode, use the keypad to enter [75] select if the siren should sounds or not [0/1] and then press [#] to confirm. The main unit will emit a long beep and a voice prompt “setting completed”.

Operating method: [75][A][#]
A indicates: [0] Siren off; [1] Siren on; System default: [0] Siren off
For example: set siren on when arm/ disarm
Operating method: [75][1][#]

LCD display:

19. Siren Setting in “Emergency Help/Panic” mode

When the panic button is pressed the siren can be set to sound or not.

While in settings mode, use the keypad to enter [76], and then [1/0], finally press [#] to confirm. The main unit will make a long beep and a voice prompt “setting completed”.

Operating method: [76][A][#]
A indicates: [0]: siren off in “Emergency Help” mode
[1]: siren on in “Emergency Help” mode
System default: [0] siren off

20. Alarming Record Checking

While in settings mode, input [*0#], the main unit will make a long beep and enters into alarm record checking mode. After displaying the alarm and defence zone number indicator, the LCD screen will display the exact alarming time of this defence zone. Press 2 to check the previous alarming record; press 8 to go to next record and press [*#] to exit checking.

Example: the 51st defence zone; the 7th alarming; alarming time:
12:10, August 1st, 2008.

LCD display for one second

and then display the alarming time:

21. SMS Notification when alarm is Armed/Disarmed (Default: OFF)

While in settings mode input the command:
[77] + [1/ 0] + [#] (1: ON, 0: OFF)
After turning thus function on, the system can send an SMS to three SMS receiving numbers (57~59 as mentioned above) when the system is armed or disarmed.

22. GSM Signal Checking

Before installing the main unit, you should check the signal strength of the location of installation in order to ensure good GSM reception. While in settings mode press [81]#, the main unit will make a long beep and display the signal strength.

Signal strength must be between 07-31. If it's less than 07, you should change place.

For example: if the signal intensity is 12, it will display as:

The signal strength can also be viewed from the signal strength icon on the panel.
This icon indicates the signal strength. When the intensity number is 0-7, this icon will not be shown; when it's 8-15, this icon will be flashing; when the number is larger than 16, this icon will be on the screen without flash.

23. Arm/ Disarm Siren Sound Setting

After you activate this function, the external siren will make one short beep when arming and two short beeps when disarming
In setting status, use keypad to input [75], then [0/1] and finally press [#] to confirm; voice prompts: setting completed, please enter instruction".
Operating method: [75][A][#]
[0] Siren off; [1] Siren on; System default: [0] Siren off
For example: set siren on when arm/ disarm
[75][1][#]

24. Enable/disable Voice Prompt

The voice prompt when arming or disarming the system as well as for all voice prompts used by the system can be enabled or disabled.
Voice prompt settings when arm/disarm
In setting status, first input [83], then [0/1] and finally press [#] to confirm; voice prompts: setting completed, please enter instruction.
Operating method:[83][A]#

A indicates: [1]: activate voice prompt for arm/ disarm (factory default)
[0]: deactivate voice prompt for arm/ disarm

Voice Prompt for All Settings
This setting is used to enable/disable all voice prompts.
In setting status, first input [84], then [0/1] and finally press [#] to confirm; voice prompts: setting completed, please enter instruction.
Operating method:[84][A][#]
A indicates: [1]: activate voice prompt for arm/ disarm (factory default)
[0]: deactivate voice prompt for arm/ disarm
Note: after you deactivate this function, all the voice including arm/ disarm voice will not work.

25. Wireless transmitter operations

The alarm system is able to send wireless signals to different devices to activate/deactivate them. A good example will be to control a wireless outdoor siren and strobe unit.

Activate/deactivate the transmitter
Operating method: [41] [0/1] [#]
[0]: turn off the function of wireless transmission
[1]: turn on the function of wireless transmission
For example: turn the wireless transmission function on:
Operating method: [41] [1] [#]

26. Time Setting of Alarm Delay (Default: 40 sec)

In setup status, use keypad to input [45], then input delay time [01] ~ [99], and then input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.
Operating method: [45] [AA] [#]
AA indicates: the code number 01~99
For example: set the wireless coding number as 65
Operating method: [45] [65] [#]
LCD display:
Note: Alarm delay is effective only for zones that are set as a delay zone (see defence zone programming)

27. Voice Prompt for All Settings

For all above settings, you could hear the voice prompt such as “setting completed, please enter instruction”, “delete completed”. You can deactivate the voice if you do not need them.
In setting status, first input [84], then [0/1] and finally press [#] to
confirm. The main unit will make a long beep and voice prompts:
setting completed, please enter instruction.
Operating method: [84] [0/1] [#]
[1]: activate voice prompt for all operations (factory default)
[0]: deactivate voice prompt
For example: Set voice prompt OFF
Operating method: [84] [0] [#]

Note: after you deactivate this function, all the voice including arm/disarm voice will not work.

28.Tamper Alarm Setting

There is a tamper alarm button at the back side of the panel. If you install the panel with the bracket (included in the standard pack), this button will be pressed down. When someone is trying to disassemble the panel, the button will be loosen once the bracket is taken off and the system will make alarm at the same time. In setting status, first input [87], then press [0/1] and finally press [#] to confirm. The main unit will make a long beep and voice prompts: setting completed.
Operating method: 【87】 【0/1】 【#】
[0]: Tamper alarm OFF (factory default)
[1]: Tamper alarm ON
For example: Set Tamper alarm ON
Operating method: 【87】 【1】 【#】
Note: The alarm SMS is “zone 99 emergency alarm"”.

29.IMEI Checking

In setting status, first input [88] and then press [#] to confirm. The 15-digit IMEI code will be displayed separately in 4 pages (2 seconds per page) on the screen.

Operation Instructions

1. System statuses.

1) Arm: defence zone 1~99 will alarm when detectors are triggered
2) Home Arm: in home arm status, the defence zone which is set as [Home Arm] will alarm when detectors are triggered.
3) Disarm: defence zone 1~99 will not alarm when detector are triggered (except 24 hours defence zones)
4) System setup status: In this status, all defence zones will not alarm when detectors are triggered.

2. Remote Controller Operation

Users can use the remote controller to arm (Out Arm, Home Arm), Emergency Alarm/panic button and to disarm the alarm.

1) Out Arm: Press the button
2) Disarm: Press the button
3) Home Arm: Press the button
4) Emergency Alarm:Press the button,system will alarm at once.

3. Keypad operation

Activate Out Arm with the alarm keypad

Out arm is used when there is nobody inside the protected property and all sensors will be active

Press [**Out Home**] button on keypad, system will make one beep per second for a total of 100

beeps(seconds. The **[OUT ARM]** indicator will be on without flashing. It means Out Arm is set successfully.

Keypad Operation: Press [**Out Home**] button, the system will enter arm status 100 seconds later.
Remote control operation: Press the button

LCD display:

Activate Home Arm using the alarm keypad

While somebody is at home, you might want to have some zones active and some not.

Main Unit Operation: Press [**At Home**] button on the keypad
Remote control operation: Press the button

LCD display:

Disarm

Main Unit Operation: Use the keypad to input the user password, then press [#] button. [**Out Home**] or [**At Home**] lights will go off.
Remote Control Operation: Press the button on remote controller

LCD display:

3. Cellular / phone operation

Receiving a call from the alarm system.

When the alarm is triggered, it will dial the preset numbers. If no one answers the first number dialled, the system will call the next user number automatically. The system will call each preset numbers 3 times in order or until the phone is answered.

If you answer the call, you will hear the pre-recorded voice recorded as explained earlier as well as an artificial voice that gives the zone number that triggered the alarm..

You can set the alarm system via your telephone or mobile phone keypad.

If you hang-up directly without answering the call, the system will call each preset number for 3 times circularly.

Press [*]: Read the alarm information.
Press [1]: Main unit stops alarming and Arm; it stops calling users.
Press [2]: Main unit stops alarming and Disarm; it stops calling users.
Press [3]: Siren off and monitors the scene for 30 seconds; for continued monitoring, press [3] again to monitor for another 30 seconds.
Press [4]: Main unit starts a 30-second two-way intercom. It cannot be controlled by the mobile during the time of intercom.
Press [5]: Linkage switch 1, 12V output on.
Press [6]: Linkage switch 1, 12V output off.

Making calls to control the alarm system

Dial the number associated with the alarm main unit (The number of the SIM card in the alarm system) by phone or mobile phone. The alarm system will answer the call and a a voice prompt will ask for your password. If the password is correct you will here "Press 1 to arm, Press 2 to disarm, Press 3 to Monitor, Press 4 to Intercom". If the password is incorrect, you will hear a prompt voice "wrong password, please re-enter".

Press [1]: arm, if finished successfully, you will hear a voice prompt "System armed".
Press [2]: disarm, if finished successfully, you will hear a voice prompt "System disarmed".
Press [3]: monitoring for 30 seconds, to continue monitoring, press [3] again to monitor for another 30 seconds.
Press [4]: two-way intercom for 30 seconds. You can't operate the main unit during this time.
Press [5]: Linkage switch 1, 12V output on.
Press [6]: Linkage switch 1, 12V output off.

Using alarm system as a cellphone/intercom system

You can use the main unit to make any call just like a normal telephone. While the system is not armed, dial the telephone number using the keypad, press [ ] button, the main unit will make a

beep and the [**Signal**] indicator will be flashing. After the call, press [ ] button again, the main unit will hang up the call and be in disarm status.

Power failure notification

The alarm system will send power failure and recovery notifications via SMS when detecting power loss to the alarm system.

Note: Only under Out Arm status, will the system send SMS power failure/ power recovery alerts.

The SMS content:
Power failure: Power changer off
Power recovery: Power changer on

Technical Parameters

Specifications

Input Voltage	DC12V/1A
Standby Current	<55mA
Alarming Current	<450mA
Wireless Frequency	315/433MHz, PT2262/EV1527, 4.7MΩ
GSM Frequency	900/ 1800/ 1900MHz
Back-up Battery	NI-HI AAA*6 DC7.2V
Siren Volume	110dB

Factory settings

Defence Zone	Arm	Home Arm	Type	Alarm Information	Siren
Zone 1	effective	invalid	real-time	Door alarm	yes
Zone 2	effective	invalid	real-time	Hall alarm	yes
Zone 3	effective	effective	real-time	Window alarm	yes
Zone 4	effective	effective	real-time	Balcony alarm	yes
Zone 5	effective	effective	24 hours	Fire alarm	yes
Zone 6	effective	effective	24 hours	Gas alarm	yes
Emergency button	effective	effective	24 hours	Emergency alarm	no
Zone 7-99	effective	invalid	real-time	Emergency alarm	yes
Wired defence zone （93-99）	effective	invalid	real-time	Emergency alarm	yes
Operation Password		8888			
Remote control (user) Password		1234			
Siren sound time		180 sec			

Components list

- Main panel 1 pc,
- Remote controller 2 pcs,
- Siren 1 pc,
- PIR sensor 1 pc,
- Door sensor 1 pc,

- Power adapter 1 pc,
- User manual 1 pc.

Care and Maintenance

The following suggestions are required to maintain your obligations under the warranty terms, and for prolonging the service life of6 the system.

- Place the control panel and all parts and accessories out of children's reach.
- Keep the alarm system dry. Rain, humidity and various fluids or moisture will corrupt the electronic circuit.
- Do not use or place the alarm system in a dirty location.
- Do no place the system in excessively hot locations. High temperature will shorten the service life of electronic equipment, damage batteries, deform or even melt some plastic parts.
- Do not place the system in excessively cold locations. Condensation may occur and damage the circuit board of the alarm system.

Periodically:

Check the main unit every three months:

- Whether it can arm/disarm normally;
- Whether it can dial the number for alarm normally;
- Whether it can receive wireless detectors' signal normally;
- Whether the back-up battery can work normally.

Check the wireless detectors once a month:

- Trigger wireless detectors to see if system can alarm normally;
- Check all detectors' batteries;
- Check whether wireless detectors can send signal to the main unit normally.

Check the SIM card:

- Check the use of SIM card, such as network signal, balance, etc.
- Make sure the PIN code verification of the SIM card is closed.
- Please keep the password and SIM card number safe, in case that other people remote control the system illegally.

Tips

- Since the alarm system is continuously in operation or standby mode, the supply adaptor of the control panel must be connected to a safe and reliable socket.
- Do not place the system near your bedroom or office table, the siren will make a loud sound in the case of alarm, which may adversely affect your rest or work.
- If the alarm system will not be used for a long time, please disconnect the system from the power supply.
- Please do not disassemble, repair or alter the products without permission, or it may cause accidents and faults.
- Do not drop this product on the ground or on hard objects, as it may lead to massive impact causing faults and damages.
- Without approval and consent of relevant authorities, please do not set "110", "119"

or the alarm phone number of police station for this main unit.

Please read the suggestions above carefully and follow the instructions herein. If any of the equipment does not work properly, please send it to the dealer or authorized service point for repair. We will try our best to solve the problem for you as soon as possible.